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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/768,790	01/25/2001	Chang-nam Chu	Q62214	3920

7590 06/15/2005
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
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EXAMINER

SINGH, RACHNA

ART UNIT PAPER NUMBER

2176

DATE MAILED: 06/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/768,790

Applicant(s)

CHU, CHANG-NAM

Examiner

Rachna Singh

Art Unit

2176

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 May 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. This action is responsive to communications: Amendment filed 05/11/05.
2. Claims 1-14 are pending. Claims 1 and 9 are independent claims.
3. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 05/11/05 has been entered.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-2 and 5-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chang et al., US 6,715,126 B1, 3/3/0/04 (filed 11/15/99, provisional filed 11/16/98) in view of Underwood et al., US 6,697,825 B1, 2/24/04 (filed 8/30/00, provisional filed 11/5/99).

In reference to claim 1, Chang teaches a method of delivering a presentation of web content comprised of media, such as audio and video having defined time increments, together with one or more other content sources such as images or events. See abstract. Chang's system comprises the following:

Art Unit: 2176

-A content creation tool for preparing the data in an appropriate format with data. The content creation tool can load graphics files, audio files, and text files. See abstract. See also column 3, lines 42-47, column 9, lines 25-60, and figures 3 and 4. The content creation tool's information is used by a player to schedule its request from the servers on which the various images or events for the presentation reside. The multimedia presentation for display comprises primary media source having time increments and content from at least one secondary media source. The method comprises receiving user synchronization input regarding synchronization of the display of the content from at least one secondary media source to time increments in the content from the primary media source. See column 12. Compare to ***'an editor for loading graphics file, an audio file, and a text file. . .reproducing the graphics file and the text file in response to a second and third control signal which are generated in synchronization with the reproduction of the audio file respectively;'***

-The file comprising the primary (audio/video) and secondary (text, image, events) is created with the synchronization input and a schedule of actions is determined. See column 12. Compare to ***"a control signal generator for checking reproduction time information on the loaded audio file and generating the first through third control signals"***.

-Creating a file for the graphic, audio, and text information. See column 12, lines 22-25. Compare to ***"a storage unit. . .reproduced by the editor"***

-Creating a multimedia presentation for display comprising content from primary and secondary media sources. See column 12, lines 12-18. Compare to ***"a multimedia***

file generator for generating the stored data as a multimedia file using a predetermined format”.

Chang does not teach using a single multimedia file; however, he does disclose in columns 2-3 of the patent, “All known techniques for delivery of such synchronized content utilize multiplexing of all of the content into a single file, followed by streaming that file using a streaming server. Often, however, the two requirements of a single file and a streaming server are undesirable added complexities.” Thus Chang teaches that it was well known in the art at the time of the invention to utilize a single multimedia file thus it would have been obvious to a person of ordinary skill in the art at the time of the invention to deliver synchronized content utilizing multiplexing of all the content into a single file. See columns 2-3 of Chang. Chang teaches providing audio information in response to primary media sources. See column 12, lines 12-25. Chang discloses inputting information about objects in an Object List Box. The objects are associated with their critical times. The scheduling of the web content unit is the complete event which is executed at any of the prescribed time points in the presentation. A html parser in the tool extract information regarding the embedded image files and builds a web content unit that adds the data to parameters in the scheduling data block. See column 9, lines 39-67 and column 10. Chang also teaches produce a variety of media sources such as video, graphics, text, etc. See figures 3 and 4. Chang does not teach the use of a text aligner for aligning text in a loaded text file or a reproducer for displaying the aligned text on the text window; however, Underwood teaches a text alignment mechanism. Underwood’s text alignment allows for alignment of text in the

Art Unit: 2176

cells of a table. The text is formatted to be displayed in a web site presentation layout.

See column 18, lines 20-52 and figure 27. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine Underwood's text alignment in the system of Chang since Underwood's system, as Chang's, is concerned with providing a multimedia presentation to a user comprised of images, text, audio, video, etc and providing a means to align text allows a user to adjust the spacing and appearance of the text. See column 18, lines 25-52 of Underwood.

Chang does not teach that the user can set the number of pixels; however, Underwood teaches that a user can set the number of pixels. See column 18 and figure 27. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine Underwood's text alignment in the system of Chang since Underwood's system, as Chang's, is concerned with providing a multimedia presentation to a user comprised of images, text, audio, video, etc and providing a means to align text allows a user to adjust the spacing and appearance of the text. See column 18, lines 25-52 of Underwood.

In reference to claim 2, Chang teaches selecting the content (audio, video, image, text, etc) from a file position. See also column 3, lines 42-47, column 9, lines 25-60, and figures 3 and 4.

In reference to claim 7, Chang teaches creating a multimedia presentation for display comprising content from primary and secondary media sources. See column 12, lines 12-18.

In reference to claim 8, Chang teaches formatting the information in SMIL. See column 2, lines 55-67.

In reference to claim 9, Chang teaches a method of delivering a presentation of web content comprised of media, such as audio and video having defined time increments, together with one or more other content sources such as images or events. See abstract. Chang's system comprises the following:

-A content creation tool for preparing the data in an appropriate format with data. The content creation tool can load graphics files, audio files, and text files. See abstract. See also column 3, lines 42-47, column 9, lines 25-60, and figures 3 and 4. The content creation tool's information is used by a player to schedule its request from the servers on which the various images or events for the presentation reside. The multimedia presentation for display comprises primary media source having time increments and content from at least one secondary media source. The method comprises receiving user synchronization input regarding synchronization of the display of the content from a at least one secondary media source to time increments in the content from the primary media source. See column 12. Chang discloses an audio button on the screen interfacing with the user that controls the audio in a media player. When a user launches the player by depressing the buttons, the contents are rendered and displayed in a synchronized presentation. See figure 4 and five and column 11, lines 45-67 and column 12. Compare to ***"loading a graphics file, an audio file, and a text file selected from a respective file position in a computer; reproducing the audio file.***

. .in synchronization with the audio reproduction when the user selects an audio reproduction starting button provided on the screen for interfacing with a user”.

-Creating a file for the graphic, audio, and text information. See column 12, lines 22-25.

Compare to ***“storing a reproduced graphic image and audio and text data”.***

-Creating a multimedia presentation for display comprising content from primary and secondary media sources. See column 12, lines 12-18. Compare to ***“generating. .***

.using a predetermined format”.

Chang teaches providing audio information in response to primary media sources. See column 12, lines 12-25. Chang discloses inputting information about objects in an Object List Box. The objects are associated with their critical times. The scheduling of the web content unit is the complete event which is executed at any of the prescribed time points in the presentation. A html parser in the tool extract information regarding the embedded image files and builds a web content unit that adds the data to parameters in the scheduling data block. See column 9, lines 39-67 and column 10. Chang also teaches produce a variety of media sources such as video, graphics, text, etc. See figures 3 and 4. Chang does not teach the use of a text aligner for aligning text in a loaded text file or a reproducer for displaying the aligned text on the text window; however, Underwood teaches a text alignment mechanism. Underwood's text alignment allows for alignment of text in the cells of a table. The text is formatted to be displayed in a web site presentation layout. See column 18, lines 20-52 and figure 27. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine Underwood's text alignment in the system of Chang since Underwood's

system, as Chang's, is concerned with providing a multimedia presentation to a user comprised of images, text, audio, video, etc and providing a means to align text allows a user to adjust the spacing and appearance of the text. See column 18, lines 25-52 of Underwood.

Chang does not teach that the user can set the number of pixels; however, Underwood teaches that a user can set the number of pixels. See column 18 and figure 27. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine Underwood's text alignment in the system of Chang since Underwood's system, as Chang's, is concerned with providing a multimedia presentation to a user comprised of images, text, audio, video, etc and providing a means to align text allows a user to adjust the spacing and appearance of the text. See column 18, lines 25-52 of Underwood.

In reference to claim 10, Chang teaches selecting the content (audio, video, image, text, etc) from a file position. See also column 3, lines 42-47, column 9, lines 25-60, and figures 3 and 4.

In reference to claim 14, Chang teaches formatting the information in SMIL. See column 2, lines 55-67.

In reference to claims 5 and 6, Chang teaches that he multimedia presentation for display comprises primary media source having time increments and content from at least one secondary media source. The method comprises receiving user synchronization input regarding synchronization of the display of the content from a at least one secondary media source to time increments in the content from the primary

Art Unit: 2176

media source. See column 12. Chang teaches that the file comprising the primary (audio/video) and secondary (text, image, events) is created with the synchronization input and a schedule of actions is determined. See column 12. Chang teaches a method of delivering a presentation of web content comprised of media, such as audio and video having defined time increments, together with one or more other content sources such as images or events. See abstract. Chang's system comprises the following:

- A content creation tool for preparing the data in an appropriate format with data. The content creation tool can load graphics files, audio files, and text files. See abstract. See also column 3, lines 42-47, column 9, lines 25-60, and figures 3 and 4. The content creation tool's information is used by a player to schedule its request from the servers on which the various images or events for the presentation reside. The multimedia presentation for display comprises primary media source having time increments and content from at least one secondary media source. The method comprises receiving user synchronization input regarding synchronization of the display of the content from a at least one secondary media source to time increments in the content from the primary media source. See column 12. Compare to ***'an editor for loading graphics file, an audio file, and a text file. . .reproducing the graphics file and the text file in response to a second and third control signal which are generated in synchronization with the reproduction of the audio file respectively;'***
- The file comprising the primary (audio/video) and secondary (text, image, events) is created with the synchronization input and a schedule of actions is determined. See

Art Unit: 2176

column 12. Compare to ***“a control signal generator for checking reproduction time information on the loaded audio file and generating the first through third control signals”***.

-Creating a file for the graphic, audio, and text information. See column 12, lines 22-25.

Compare to ***“a storage unit. . .reproduced by the editor”***

-Creating a multimedia presentation for display comprising content from primary and secondary media sources. See column 12, lines 12-18. Compare to ***“a multimedia file generator for generating the stored data as a multimedia file using a predetermined format”***.

Chang does not teach using a single multimedia file; however, he does disclose in columns 2-3 of the patent, “All known techniques for delivery of such synchronized content utilize multiplexing of all of the content into a single file, followed by streaming that file using a streaming server. Often, however, the two requirements of a single file and a streaming server are undesirable added complexities.” Thus Chang teaches that it was well known in the art at the time of the invention to utilize a single multimedia file thus it would have been obvious to a person of ordinary skill in the art at the time of the invention to deliver synchronized content utilizing multiplexing of all the content into a single file. See columns 2-3 of Chang. Chang teaches providing audio information in response to primary media sources. See column 12, lines 12-25. Chang discloses inputting information about objects in an Object List Box. The objects are associated with their critical times. The scheduling of the web content unit is the complete event which is executed at any of the prescribed time points in the presentation. A html

Art Unit: 2176

parser in the tool extract information regarding the embedded image files and builds a web content unit that adds the data to parameters in the scheduling data block. See column 9, lines 39-67 and column 10. Chang also teaches produce a variety of media sources such as video, graphics, text, etc. See figures 3 and 4. Chang does not teach the use of a text aligner for aligning text in a loaded text file or a reproducer for displaying the aligned text on the text window; however, Underwood teaches a text alignment mechanism. Underwood's text alignment allows for alignment of text in the cells of a table. The text is formatted to be displayed in a web site presentation layout. See column 18, lines 20-52 and figure 27. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine Underwood's text alignment in the system of Chang since Underwood's system, as Chang's, is concerned with providing a multimedia presentation to a user comprised of images, text, audio, video, etc and providing a means to align text allows a user to adjust the spacing and appearance of the text. See column 18, lines 25-52 of Underwood.

Chang does not teach that the user can set the number of pixels; however, Underwood teaches that a user can set the number of pixels. See column 18 and figure 27. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine Underwood's text alignment in the system of Chang since Underwood's system, as Chang's, is concerned with providing a multimedia presentation to a user comprised of images, text, audio, video, etc and providing a means to align text allows a user to adjust the spacing and appearance of the text. See column 18, lines 25-52 of Underwood.

In reference to claim 12, Chang teaches providing audio information in response to primary media sources. See column 12, lines 12-25. Chang discloses inputting information about objects in an Object List Box. The objects are associated with their critical times. The scheduling of the web content unit is the complete event which is executed at any of the prescribed time points in the presentation. A html parser in the tool extract information regarding the embedded image files and builds a web content unit that adds the data to parameters in the scheduling data block. See column 9, lines 39-67 and column 10. Chang also teaches produce a variety of media sources such as video, graphics, text, etc. See figures 3 and 4. Chang does not teach the use of a text aligner for aligning text in a loaded text file or a reproducer for displaying the aligned text on the text window; however, Underwood teaches a text alignment mechanism. Underwood's text alignment allows for alignment of text in the cells of a table. The text is formatted to be displayed in a web site presentation layout. See column 18, lines 20-52 and figure 27. Chang discloses an audio button on the screen interfacing with the user that controls the audio in a media player. When a user launches the player by depressing the buttons, the contents are rendered and displayed in a synchronized presentation. See figure 4 and five and column 11, lines 45-67 and column 12. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine Underwood's text alignment in the system of Chang since Underwood's system, as Chang's, is concerned with providing a multimedia presentation to a user comprised of images, text, audio, video, etc and providing a means to align text allows a user to adjust the spacing and appearance of the text. See column 18, lines 25-52 of

Art Unit: 2176

Underwood. Chang teaches providing audio information in response to primary media sources. See column 12, lines 12-25. Chang discloses inputting information about objects in an Object List Box. The objects are associated with their critical times. The scheduling of the web content unit is the complete event which is executed at any of the prescribed time points in the presentation. A html parser in the tool extract information regarding the embedded image files and builds a web content unit that adds the data to parameters in the scheduling data block. See column 9, lines 39-67 and column 10. Chang also teaches produce a variety of media sources such as video, graphics, text, etc. See figures 3 and 4. Chang does not teach the use of a text aligner for aligning text in a loaded text file or a reproducer for displaying the aligned text on the text window; however, Underwood teaches a text alignment mechanism. Underwood's text alignment allows for alignment of text in the cells of a table. The text is formatted to be displayed in a web site presentation layout. See column 18, lines 20-52 and figure 27. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine Underwood's text alignment in the system of Chang since Underwood's system, as Chang's, is concerned with providing a multimedia presentation to a user comprised of images, text, audio, video, etc and providing a means to align text allows a user to adjust the spacing and appearance of the text. See column 18, lines 25-52 of Underwood.

Chang does not teach that the user can set the number of pixels; however, Underwood teaches that a user can set the number of pixels. See column 18 and figure 27. It would have been obvious to one of ordinary skill in the art at the time of the

invention to combine Underwood's text alignment in the system of Chang since Underwood's system, as Chang's, is concerned with providing a multimedia presentation to a user comprised of images, text, audio, video, etc and providing a means to align text allows a user to adjust the spacing and appearance of the text. See column 18, lines 25-52 of Underwood.

In reference to claim 13, Chang discloses an audio button on the screen interfacing with the user that controls the audio in a media player. When a user launches the player by depressing the buttons, the contents are rendered and displayed in a synchronized presentation. See figure 4 and five and column 11, lines 45-67 and column 12.

Response to Arguments

6. Applicant's arguments filed 05/11/05 have been fully considered but they are not persuasive.

Applicant argues Chang teaches away from generating stored data as a single multimedia file. In regards to claims 1 and 9, Applicant argues the amended claim reciting "a single multimedia file" is not taught by Chang who instead teaches creating a multimedia presentation without creating a single stream or file. Chang discloses the following in columns 2-3 of the patent, "All known techniques for delivery of such synchronized content utilize multiplexing of all of the content into a single file, followed by streaming that file using a streaming server. Often, however, the two requirements of a single file and a streaming server are undesirable added complexities." Chang discloses that it was well known in the art at the time of the invention to utilize a single

Art Unit: 2176

multimedia file thus it would have been obvious to a person of ordinary skill in the art at the time of the invention to deliver synchronized content utilizing multiplexing of all the content into a single file. See columns 2-3 of Chang. Applicant argues that columns 2-3 teach away from generating a stored data as a single multimedia file. Examiner respectfully disagrees. Change states "all known techniques for delivery of synchronized content utilize multiplexing all of the content into a single file". This clearly indicates that it was well known in the prior art at the time of the Applicant's invention to utilize a single multimedia file. A person of ordinary skill in the art at the time of the invention would be motivated to utilize a single file for generating the stored data as it makes certain that all the data that is required to be provided at a particular point in a presentation is already present in one file at the client at that instant and then streams this file as some prescribed data rate. Just because Chang improves upon this method in order to overcome certain undesirable complexities does not mean he teaches away from generating a single multimedia file. In fact, Chang acknowledges that generating a single multimedia file may be desirable for the purpose of making certain that all the data that is required to be provided at a particular point in a presentation is already present in one file at the client at that instant and then streams this file as some prescribed data rate.

With respect to claim 1 which now incorporates features of claims 3 and 4, Applicant argues that Examiner does not mention the limitation "wherein the predetermined units are units of lines determined by a number of pixels set by a user". Examiner disagrees. Page 7 of the previous office action recites "Underwood teaches

Art Unit: 2176

that a user can set the number of pixels". See column 18 and figure 27. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine Underwood's text alignment in the system of Chang since Underwood's system, as Chang's, is concerned with providing a multimedia presentation to a user comprised of images, text, audio, video, etc and providing a means to align text allows a user to adjust the spacing and appearance of the text. See column 18, lines 25-52 of Underwood. Applicant argues that Underwood's teachings does not suggest that the predetermined units are units of lines determined by a number of pixel set by a user or that the text aligner aligns text in the loaded text file. Specifically, Applicant argues Underwood teaches configuring a table that is to be inserted by the user, but does not teach the user can set the number. Column 18, lines 25-52 recite, "the width and text box is measured by pixels". Figure 27 illustrates the drop down boxes 2740 where a user can select pixels for the width and height of a text box. Chang teaches providing audio information in response to primary media sources. See column 12, lines 12-25. Chang discloses inputting information about objects in an Object List Box. The objects are associated with their critical times. The scheduling of the web content unit is the complete event which is executed at any of the prescribed time points in the presentation. A html parser in the tool extract information regarding the embedded image files and builds a web content unit that adds the data to parameters in the scheduling data block. See column 9, lines 39-67 and column 10. Chang also teaches produce a variety of media sources such as video, graphics, text, etc. See figures 3 and 4. Chang does not teach the use of a text aligner for aligning text in a loaded text

Art Unit: 2176

file or a reproducer for displaying the aligned text on the text window; however, Underwood teaches a text alignment mechanism. Underwood's text alignment allows for alignment of text in the cells of a table. The text is formatted to be displayed in a web site presentation layout. See column 18, lines 20-52 and figure 27. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine Underwood's text alignment in the system of Chang since Underwood's system, as Chang's, is concerned with providing a multimedia presentation to a user comprised of images, text, audio, video, etc and providing a means to align text allows a user to adjust the spacing and appearance of the text. See column 18, lines 25-52 of Underwood.

With respect to claim 5, Applicant argues Examiner does not mention the limitation "the control signal generator checks the number of lines of the aligned text". Chang discloses identifying the media source and determining and assembling portions of the content from a media source. The primary media content is fetched and successive portions of the content and portions of the secondary content are fetched. Chang teaches assembling content units for a time increment and fetches portions of content for each content unit. The portions of the content unit are the lines of the text.

In view of comments above, rejections are maintained.

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rachna Singh whose telephone number is 571-272-4099. The examiner can normally be reached on M-F (8:30AM-6:00PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon can be reached on 571-272-4136. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RS
06/08/05

A handwritten signature in black ink, appearing to read 'Sanjiv Shah', with a stylized flourish at the end.

SANJIV SHAH
PRIMARY EXAMINER